



H T T P : / / A T T R A S O F T . C O M  
Neural Net Software Company

“Image Recognition Experts”

02/18/2009

Mail Stop RCE  
United State Patents and Trademark Office  
Commissioner For Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

Application NO. 10/078,299

Name of Applicant: Ying Liu

Name of Examiner: Rosario, Dennis

Date of Interview: NA

Type of Interview: NA

Name of Participants: Dennis Rosario (examiner), Ying Liu (applicant)

Exhibit: NA

Specific Prior Art: NA

To Whom It May Concern,

As recommended by Patent Examiner: Rosario, Dennis, the RCE is filed in this letter.

Form, “Request for Continued Examination (RCE) Transmittal” is attached with this letter. A fee of \$405, based on fee code 2801 of 1.17(e), Small entity, is attached.

The number of claims is 6 and there is no fee based the attached PATENT APPLICATION DETERMINATION RECORD.

Continuation-in-Part Application is also filed with this letter. A fee of \$65, based on fee code of 2251 of 1.17(a) (1) Small entity, is attached. The last Advisory Action by Patent Examiner: Rosario, Dennis was dated 02/10/2009.

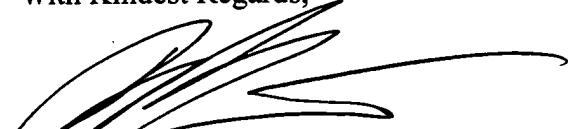
Item List:

- This letter
- A check of \$470
- RCE
- PATENT APPLICATION DETERMINATION RECORD

- Modified Claims (6 total) and a Cover letter to the Patent Examiner: Rosario, Dennis

Thanks again for you help.

With Kindest Regards,



Ying Liu, Ph.D.  
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912-897-1717



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Dennis Rosario  
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Specific Prior Art: NA

Dear Mr. Dennis Rosario:

- (1) No new materials are added in this patent application.
- (2) Claim 35 is rewritten as Claims 50, 53;
- (3) Claims 36, 37, 38, 39 are rewritten as Claims 51, 52, 54, 55;
- (4) Each claim (50 – 55) has a single statement, as you have instructed.
- (5) Each item in each claim (50 – 55) is an action, as you have instructed.
- (6) “ABM” (Claims 50, 51, 52) is a term invented by this inventor; it is used to represent a specific algorithm (invented by this inventor) used in this invention and it has no other meaning.
- (7) “APN” (Claims 53, 54, 55) is a term invented by this inventor; it is used to represent a specific algorithm (invented by this inventor) used in this invention and it has no other meaning.
- (8) More detailed explanations can be found in the patent.
- (9) Thank you for your help.

With Kindest Regards,

Ying Liu, Ph.D.  
Attrasoft  
[ying@attrasoft.com](mailto:ying@attrasoft.com)  
912-897-1717

Gina Porter



Subject: USPTO FEES

**Miscellaneous Patent Fees**

1801/2801	1.17(e)	Request for continued examination (RCE) (see 37 CFR 1.114)	810.00	405.00
1808	1.17(i)	Processing fee, except in provisional applications	130.00	
1803	1.17(i)	Request for voluntary publication or republication	130.00	
1802	1.17(k)	Request for expedited examination of a design application	900.00	
1804	1.17(n)	Request for publication of SIR - Prior to examiner's action	920.00*	
1805	1.17(o)	Request for publication of SIR - After examiner's action	1,840.00*	
1806	1.17(p)	Submission of an Information Disclosure Statement	180.00	
1807	1.17(q)	Processing fee for provisional applications	50.00	
1809/2809	1.17(r)	Filing a submission after final rejection (see 37 CFR 1.129(a))	810.00	405.00
1810/2810	1.17(s)	For each additional invention to be examined (see 37 CFR 1.129(b))	810.00	405.00
1814/2814	1.20(d)	Statutory disclaimer	140.00	70.00

For additional information, please call the USPTO Contact Center at (571) 272-1000 or (800) 786-9199.

**Patent Extension of Time Fees**

1251/2251	1.17(a)(1)	Extension for response within first month	130.00	65.00
1252/2252	1.17(a)(2)	Extension for response within second month	490.00	245.00
1253/2253	1.17(a)(3)	Extension for response within third month	1,110.00	555.00
1254/2254	1.17(a)(4)	Extension for response within fourth month	1,730.00	865.00
1255/2255	1.17(a)(5)	Extension for response within fifth month	2,350.00	1,175.00

1801/2801	1.17(e)	Request for continued examination (RCE) (see 37 CFR 1.114)	810.00	405.00
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[http://www.uspto.gov/web/offices/ac/qs/ope/fee2009january01\\_2009jan12.htm#misc](http://www.uspto.gov/web/offices/ac/qs/ope/fee2009january01_2009jan12.htm#misc)